

WHAT IS CLAIMED IS:

1. An improvement design for a digital servo motor controller IC, comprising a circuit added at each original output of the digital servo motor controller IC, said circuit including a divider and
5 three MOS inverter connected sequentially; said original output of the digital servo motor controller IC is inputted into said divider, and an output of said divider is inputted into the first MOS inverter; an output of the second MOS inverter and an output of the third MOS inverter are inputted into a servo
10 motor for preventing the power feedback effect during manual adjusting the servo motor.
2. An improvement design for a digital servo motor controller IC according to claim 1, wherein said divider comprising two
15 resistors, the resistances thereof is designed such that when each original output of the digital servo motor controller IC is higher than or equal to a predetermined voltage, the first MOS inverter will be conducting, and when each original output of the digital servo motor controller IC is lower than said
predetermined voltage, said first MOS inverter will be opened.
- 20 3. An improvement design for a digital servo motor controller IC according to claim 1, wherein said predetermined voltage is 3 volts.